

Power Cost Memorandum Fuel Cost Update

Date: January 18, 2024

| | | |
|---|---------------------------------------|---|
| Utility Name (Cert. No.) City of Galena (274) | Utility File No. PC74-1120G | Date Filed: December 11, 2023 |
|---|---------------------------------------|---|

| PCE AMOUNT SUMMARY | Previously Approved PC74-1120F | Staff Recommended Amount(s) and Effective Date PC74-1120G |
|---|---------------------------------------|---|
| Class Rate | <u>Date Approved:</u> July 1, 2023 | January 19, 2024 |
| ALL | \$ 0.4025 | \$0.3838 |
| <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent | | |

| | |
|--|--|
| Prior Fuel Purchase Price: <u>\$ 4.4313</u> | New Fuel Purchase Price: \$ 4.1214 |
| <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted | <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted |
| Delivery Charge: _____ | Surcharge Change: Previous _____ Updated _____ |

| Weighted Average Fuel Price/Gal. Calculation | | | | | |
|--|----------------|---|--------|---|---|
| | Gallons | | Price | | |
| On-hand before deliv. | 53,224 | X | 4.4313 | = | 235,853.24 |
| Delivered | 391,941 | X | 4.0793 | = | 1,598,837.90 |
| | <u>445,165</u> | | | | <u>\$ 1,834,691.14</u> |
| | | | | | Weighted Average \$ 4.1214 |

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

| | Date (if different from 1/18/24) | I CONCUR | I DO NOT CONCUR | I WILL WRITE A DISSENTING STATEMENT * |
|-----------|-------------------------------------|--------------------|--------------------|---|
| Doyle | | <i>[Signature]</i> | | |
| Espindola | | <i>[Signature]</i> | | |
| Kurber | | <i>[Signature]</i> | <i>for KK</i> | |
| Pickett | | <i>[Signature]</i> | | |
| Wilson | | <i>[Signature]</i> | | |

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

CITY OF GALENA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY FOR THE PERIOD ENDING JUNE 30, 2020 Fuel Price Change

| | PC74-1120F | | PC74-1120G |
|--|---------------------------------|--------------------|----------------------|
| | Prior Commission Approval | Utility Request | Staff Recommended |
| A. Total kWh Generated | 5,594,719 | 5,594,719 | 5,594,719 |
| B. Total kWh Sold (Appendix 2) | 4,754,140 | 4,754,140 | 4,754,140 |
| C. Total Non-Fuel Costs (Appendix 2) | 1,154,792 | 1,154,792 | 1,154,792 |
| D. Non-Fuel Cost/kWh (C / B) | \$0.2429 | \$0.2429 | \$0.2429 |
| E. Total Fuel Costs (Appendix 2) | 1,812,761 | 1,685,963 | 1,685,963 |
| F. Fuel Costs/kWh (E / B) | \$0.3813 | \$0.3546 | \$0.3546 |
| G. Eligible Costs/kWh (D + F) | \$0.6242 | \$0.5975 | \$0.5975 |
| H. Eligible Cost/kWh (G) Less base rate /kWh | \$0.4307 | \$0.4040 | \$0.4040 |
| I. Lesser of (H) or 80.42 cents/kWh | \$0.4307 | \$0.4040 | \$0.4040 |
| J. Average Class Rates (Appendix 3) | | | |
| All | \$0.4025 | \$0.4025 | \$0.4025 |
| Class Power Cost Equalization Per kWh Payable | | | |
| K. Lesser of: (I) x 95% or (J) | | | |
| All | \$0.4025 | \$0.3838 | \$0.3838 |
| L. Funding Level in Effect | 100% | 100% | 100% |
| All | \$0.4025 | \$0.3838 | \$0.3838 |
| | | | |

PC74-1120G
Appendix 1

CITY OF GALENA

SCHEDULE OF ELIGIBLE POWER COSTS, SALES AND EFFICIENCY FOR THE PERIOD ENDING JUNE 30, 2020

Fuel Price Change

| | | | PC74-1120F | | PC74-1120G |
|--------------------------------|---|-----------------|---------------------------------|--------------------|--------------------|
| | | | Prior Commission Approval | Per Utility | Per Staff |
| Non-Fuel Costs: | | | | | |
| A. | Personnel Costs | | 613,964 | 613,964 | 613,964 |
| B. | Power Plant Parts & Supplies | | 52,741 | 52,741 | 52,741 |
| C. | Repairs & Maintenance | | 33,288 | 33,288 | 33,288 |
| D. | General & Administrative | | 80,472 | 80,472 | 80,472 |
| E. | Depreciation | | 358,713 | 358,713 | 358,713 |
| F. | Interest Expense | | 15,614 | 15,614 | 15,614 |
| G. | Other Expense (Revenue) | | 0 | 0 | 0 |
| H. Total Non-Fuel Costs | | | \$1,154,792 | \$1,154,792 | \$1,154,792 |
| Fuel Costs: | | | | | |
| I. | Gallons Consumed for Electric Generation | | 409,078 | 409,078 | 409,078 |
| J. | Wtd. Avg. Price of Fuel | | \$4.4313 | \$4.1214 | \$4.1214 |
| K. Total Fuel Costs | | | \$1,812,761 | \$1,685,963 | \$1,685,963 |
| L. Total kWh Sold | | | 4,754,140 | 4,754,140 | 4,754,140 |
| M. kWh Station Service | | | 231,380 | 231,380 | 231,380 |
| N. Efficiency | | | | | |
| | | <u>Standard</u> | | | |
| | ≥ | 12.5 | 13.68 | 13.68 | 13.68 |
| O. Line Loss | | | | | |
| | ≤ | 12% | 10.89% | 10.89% | 10.89% |

(kWh generated - (kWh sold + kWh station service)/kWh generated

Calculation of Weighted Average Price per Gallon:

| | | | | | |
|-----------|---------|---|-----------|------------|-----------|
| On Hand | 53,224 | x | \$ 4.4313 | 235,853.24 | Weighted |
| Delivered | 391,941 | x | \$ 4.0793 | 1,598,838 | Average |
| | 445,165 | | | 1,834,691 | \$ 4.1214 |

PC74-1120G
Appendix 2

CITY OF GALENA

Calculation of Average Class Rate per kWh

Rate Schedule: All

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4) | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - 0.1935 /kWh |
|---------------------------|-------------------------|---|-----------------------------------|-----------------------------|------------------------------------|--|
| 750 | 0.5960 | 0.0000 | 0.5960 | 447.00 | 0.5960 | 0.4025 |
| | | | | | | |
| | | | | | | |
| 750 | | | | 447.00 | 0.5960 | 0.4025 |
| TOTAL (A) | | | | | | (E) |

Rate Schedule:

| (1) kWh by Block | (2) Rate (\$/kWh) | (3) Surcharge If Applicable (\$/kWh) | (4) Total (\$/kWh) (2+3) | (5) Total \$ (1x4) | (6) Avg. (\$/kWh) (5)/(1) | (7) Avg. Rate (\$/kWh) - 0.1935 |
|---------------------------|-------------------------|---|-----------------------------------|-----------------------------|------------------------------------|--|
| 750 | 0.0000 | 0.0000 | 0.0000 | 0.00 | 0.0000 | |
| | | | | | | |
| | | | | | | |
| 750 | | | | 0.00 | 0.0000 | |
| TOTAL (A) | | | | | | (E) |

CITY OF GALENA

| | Delivery Date | Gallons | Cost per Gallon | Delivery/ Mark-Up per Gallon | Total Cost |
|---|---------------|---------|-----------------|------------------------------|----------------|
| Beginning Fuel Inventory | | 53,224 | | | |
| Last Approved Fuel Cost/Gal. | | | \$ 4.4313 | | |
| Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory | | | | | \$ 235,853 |
| Reporting Period Purchases | 07/18/23 | 14,201 | 3.9370 | | 55,909 |
| | 07/18/23 | 14,200 | 3.6400 | | 51,688 |
| | 08/15/23 | 278,701 | 3.9240 | | 1,093,623 |
| | 10/09/23 | 70,667 | 4.6570 | | 329,096 |
| | 10/16/23 | 14,172 | 4.8350 | | 68,522 |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| Totals for Reporting Period Purchases on this sheet: | | 391,941 | | | 1,598,838 |
| Grand Totals (beginning inventory plus purchases) | | 445,165 | | | B \$ 1,834,691 |

Grand Total Cost divided by Grand Total Gallons = 4.1214 Weighted Avg. Cost per gallon
Purchases: Total Cost divided by Grand Total Gallons = 4.0793 Weighted Avg. Cost per gallon